

--TUV923,7/1----

10/565,296

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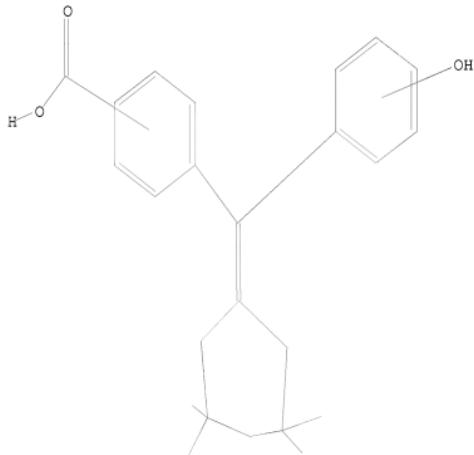
This file contains CAS Registry Numbers for easy and accurate substance identification.

=>  
Uploading C:\Program Files\Stnexp\Queries\10565296.str

L1       STRUCTURE UPLOADED

=> ed  
ED IS NOT A RECOGNIZED COMMAND  
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=> d  
L1 HAS NO ANSWERS  
L1                   STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 full  
REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...  
 Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 16:22:12 FILE 'REGISTRY'  
 FULL SCREEN SEARCH COMPLETED - 74 TO ITERATE

100.0% PROCESSED 74 ITERATIONS 1 ANSWERS  
 SEARCH TIME: 00.00.01

L2 1 SEA SSS FUL L1

L3 1 L2

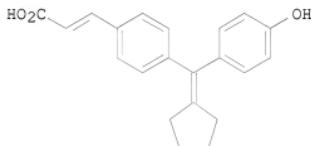
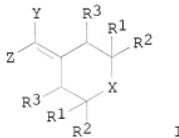
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L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2005120863 CAPLUS  
 DOCUMENT NUMBER: 142:219151  
 TITLE: A preparation of derivatives of cycloalkylidene and  
       (thio)pyranylidene, useful as estrogen receptor  
       modulators  
 INVENTOR(S): Britton, Jonathan E.; Fang, Jing; Heyer, Dennis;  
               Miller, Aaron Bayne; Navas, Frank, III; Smalley,  
               Terrence Lee, Jr.; Zuercher, William J.; Kalamreddy,  
               Subba Reddy  
 PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA  
 SOURCE: PCT Int. Appl., 189 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005012220	A2	20050210	WO 2004-US24308	20040727
WO 2005012220	A3	20050324		
WO 2005012220	A9	20050519		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, NA, SD, SL, SZ, TJ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2004261627	A1	20050210	AU 2004-261627	20040727

AU 2004261627	B2	20080612		
CA 2533812	A1	20050210	CA 2004-2533812	20040727
EP 1667955	A2	20060614	EP 2004-779374	20040727
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR				
BR 2004013013	A	20061003	BR 2004-13013	20040727
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KR 2006066070	A	20060615	KR 2006-701919	20060127
IN 2006KN00386	A	20070330	IN 2006-KN386	20060221
US 20070155839	A1	20070705	US 2007-565296	20070215
US 20070213348	A1	20070913	US 2007-748096	20070514
PRIORITY APPLN. INFO.:				
US 2003-490588P P 20030728				
WO 2004-US24308 W 20040727				
US 2007-565296 A1 20070215				

OTHER SOURCE(S): CASREACT 142:219151; MARPAT 142:219151  
GI



AB The invention relates to a preparation of cyclohexane, pyran, or thiopyran of formula I [wherein: Y and Z are independently Ph derivs.; X is O, S, ( $\text{CH}_2$ )<sub>0-3; or C(alkyl)2; R1 and R2 are independently selected from H or alkyl; each R3 is H or both R3s together combine to form a bridging alkylene chain], useful as estrogen receptor modulators. For instance, cyclopentylidene derivative II was prepared via acrylation of 4-[(4-bromophenyl)(cyclopentylidene)methyl]phenol by tert-Bu acrylate and subsequent hydrolysis (yields: acrylation - 74%). The compds. of present invention exhibited pIC<sub>50</sub> values ranging from 10  $\mu\text{M}$  to 1 nM (competition binding assay).</sub>

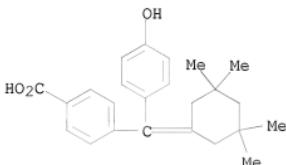
IT 843661-24-5P

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RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of cycloalkylidene and (thio)pyranylidene derivs. useful as estrogen receptor modulators)

RN 843661-24-5 CAPLUS

CN Benzoic acid, 4-[(4-hydroxyphenyl)(3,3,5,5-tetramethylcyclohexylidene)methyl]- (CA INDEX NAME)



REFERENCE COUNT:

1

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT